

MORE THAN \$23 MILLION FOR SOLUTIONS IN SUSTAINABLE AGRICULTURE AND HUMAN HEALTH IN QUÉBEC

Montréal, December 12, 2023 — Génome Québec is particularly proud of the performance of Québec teams in a pan-Canadian competition. Over \$23 million will be invested in genomics in Québec, including \$5.4 million through Génome Québec. In fact, 49% of the available Canadian envelope was allocated to Québec projects. These investments will accelerate the commercialization and increase its real-world applications. These funds were announced by the Minister of Innovation, Science and Industry, the Honourable François-Philippe Champagne, under Genome Canada's *Genomics Applications Partnership Program*.

A collaboration with public-private partners

The health, agri-food and environment sectors remain key areas for genomic innovation. Progress in these fields not only enhances the well-being of the population, but also strengthens Québec's economic competitiveness. "I would like to emphasize the reach and potential impact of the winning projects. They present great opportunities in response to the challenges that our society is currently facing. We are in the presence of public-private partnerships with startups and SMEs in our ecosystem, offering many avenues for sustainable solutions for Québec's future," says Stéphanie Lord-Fontaine, Vice-President, Scientific Affairs at Génome Québec.

Congratulations to the recipients

- Claude Robert from Université Laval in partnership with the Société des éleveurs de moutons de race pure du Québec (SEMRPQ) – [Developing the Canadian Sheep Production using Genomics](#)
- Guy Sauvageau from Université de Montréal in partnership with RejuvenRx Inc. – [Development of a Novel Cyclin K Degrader of High-risk Acute Myeloid Leukemia Patients and Associated Genomic Features](#)
- Pavel Hamet from Université de Montréal in partnership OPTITHERA and ELNA Medical Group – [Predict to Prevent: A Novel Genomic-derived Score to Improve the Prognosis of Type 2 \(T2\) Diabetes Patients at High Risk of Complications](#)
- Saji George from McGill University in partnership BioSun Products Inc. – [Nano-enabled Biostimulant for Sustainable Agriculture: Optimizing Scale-up Parameters through Genomic Approaches for commercialization](#)

Génome Québec also provided major funding for a project by Réjean Tremblay of the Université du Québec à Rimouski and Ramon Filgueira of Dalhousie University, in partnership with Atlantic Aqua Farms Ltd. – [Triploid mussel genomics program](#)

What does the *Genomic Applications Partnership Program (GAPP)* consist of?

GAPP was created to promote partnerships between industry end users, public end users and university researchers. This program helps to harness the potential of economics to increase the competitiveness of key sectors of the Québec economy. The GAPP is a solutions-based program that demonstrates how mature the technology is and how eager users are to accelerate its adoption.

The program follows a cyclical process, launched two times per year. The scale of available funding ranges from \$300,000 to \$6 million per project.

For more information on the program, [click here](#).

About Génome Québec

Génome Québec's mission is to catalyze the development and excellence of genomics research and promote its integration and democratization. It is a pillar of the Québec bioeconomy and contributes to Québec's influence and its social and sustainable development. The funds invested by Génome Québec are provided by the ministère de l'Économie, de l'Innovation et de l'Énergie du Québec (MEIE), the Government of Canada, through Genome Canada, and private partners.

To learn more, visit www.genomequebec.com.

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